

ABSTRACT

[0018] In accordance with the present invention, a multifocal intraocular lens provides greater or lesser refraction in relation to the position of the head and eyes of a user. A multifocal intraocular lens body for insertion into a fluid-filled enucleated natural lens capsule of an eye is provided wherein the lens body encompasses the optical axis of the eye and provides different greater or lesser refraction depending upon the position of the eye. In a second embodiment, the lens body can be used with an artificial lens capsule implanted within an eye.